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a repeating apparatus mounted on said vehicle side for communicating with said radio wave transmitter-receiver, said radio communication apparatus mounted on said helmet communicating with a second helmet through said repeating apparatus,

wherein the repeating apparatus includes a mute function and attenuates or interrupts when a sound source having a higher priority order and another sound source having a lower priority order interfere with each other.

2. The radio communication system for a vehicle according to claim 1, wherein said repeating apparatus repeats mutual communication between two radio communication apparatus mounted on each of the two helmets worn by passengers of said vehicle and a radio communication apparatus mounted on a third helmet worn by a person other than the passengers of said vehicle.

3. The radio communication system for a vehicle according to claim 1, wherein said radio wave transmitter-receiver is removably mounted at the center of a rear portion of each helmet through a removable fixing member.

4. The radio communication system for a vehicle according to claim 2, wherein said radio wave transmitter-receiver is removably mounted at the center of a rear portion of each helmet through a removable fixing member.

5. The radio communication system for a vehicle according to claim 1, wherein said repeating apparatus includes a mixing apparatus to which at least one sound signal

generation apparatus which generates a sound signal is connected and which mixes a sound signal or signals outputted from said sound signal generating apparatus with the received sound signal and transmits a resulting signal.

6. The radio communication system for a vehicle according to claim 2, wherein said repeating apparatus includes a mixing apparatus to which at least one sound signal generation apparatus which generates a sound signal is connected and which mixes a sound signal or signals outputted from said sound signal generating apparatus with the received sound signal and transmits a resulting signal.

7. The radio communication system for a vehicle according to claim 3, wherein said repeating apparatus includes a mixing apparatus to which at least one sound signal generation apparatus which generates a sound signal is connected and which mixes a sound signal or signals outputted from said sound signal generating apparatus with the received sound signal and transmits a resulting signal.

8. The radio communication system for a vehicle according to claim 4, wherein said repeating apparatus has a mute function of selectively muting by attenuating or interrupting at least one of the sound signals outputted from said sound signal generation apparatus.

9. The radio communication system for a vehicle according to claim 4, wherein said sound signal generation apparatus is at least one of a navigation system, a portable telephone set, a music reproduction apparatus, some other radio apparatus and a sound board.

10. The radio communication system for a vehicle according to claim 5, wherein said sound signal generation apparatus is at least one of a navigation system, a portable telephone set, a music reproduction apparatus, some other radio apparatus and a sound board.

11. The radio communication system for a vehicle according to claim 1, wherein said radio wave transmitter-receiver has an antenna for radio communication built therein.

12. The radio communication system for a vehicle according to claim 1, wherein said radio wave transmitter-receiver has at least a circuit board and a battery built therein, and said circuit board and a battery accommodation section are disposed in such a manner as to be distributed to the left and the right when said radio wave transmitter-receiver is mounted in a predetermined posture at the center of the rear portion of each helmet.

13. The radio communication system for a vehicle according to claim 8, wherein the size of said battery accommodation section corresponds to the magnitude of a cell of a size of a AAA battery and is equivalent to that of said circuit board.

14. The radio communication system for a vehicle according to claim 1, wherein said radio wave transmitter-receiver includes an operation button disposed on a rear face thereof when said radio wave transmitter-receiver is mounted in a predetermined posture at the center of the rear portion of each helmet.

15. The radio communication system for a vehicle according to claim 6, wherein a display apparatus of said navigation system is supported for movement between a use position and an accommodation position.

Please **add claims 16 and 17** as follows:

-- 16. A radio communication system for a vehicle comprising:

a radio communication apparatus mounted on at least one helmet to be worn by a passenger of said vehicle and including at least a speaker, a microphone and a radio wave transmitter-receiver; and

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a repeating apparatus mounted on said vehicle side for wireless communication with said radio wave transmitter-receiver, said radio communication apparatus being mounted on said helmet communicating with a second helmet through said repeating apparatus, wherein said repeating apparatus repeats mutual communication between two radio communication apparatus mounted on each of the two helmets worn by passengers of said vehicle and a radio communication apparatus mounted on a third helmet worn by a person other than the passengers of said vehicle, the repeating apparatus including:

a mixing section for combining signals received from two or more radio communication apparatuses; and

a mix/mute section for mixing sound signals outputted from the mixing section, a portable telephone set, and a music reproduction apparatus, and providing an output transmission signal.

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17. The radio communication system for a vehicle according to claim 16, wherein the mix/mute section includes a mute function and attenuates or interrupts, when a sound source having a higher priority order and another sound source having a lower priority order interferes with each other. --
